

October 22, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re/ Application of H. Bau
Application No. 10/657,302
Filed September 8, 2003


Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned

CONTROLLED MAGNETOHYDRODYNAMIC
FLUIDIC NETWORKS AND STIRRERS

(Attorney Docket No. P27,076-A USA)

CERTIFICATE OF MAILING

I hereby certify that this correspondence, along with any other papers indicated as being enclosed, is being deposited with the United States Postal Services, as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on October 22, 2003.


Patricia M. Frisoli

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(B)

Sir:

It is requested respectfully that the information identified on the enclosed Form PTO-1449 (Modified) be made of record and considered with respect to the above-referenced patent application. A copy of each item of information identified on the Form is enclosed. The Examiner is requested to indicate that each item on the enclosed Form PTO-1449 (Modified) has been considered by initialing and dating the enclosed Form and returning a copy of same to the undersigned.

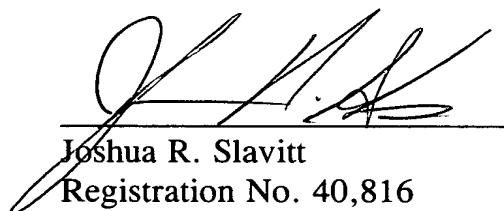
This Information Disclosure Statement is filed before a first Office Action on the merits. Identification of information on the attached Form, or in this statement, is not

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an admission that such information is prior art to the invention claimed in the present application or that such information is in an analogous art area.

The Commissioner is authorized hereby to charge any fees or credit any overpayment associated with this Statement (copy enclosed) to Deposit Account Number 19-5425.

Respectfully submitted,



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FORM PTO-1449 (MODIFIED)

LIST OF PATENTS AND OTHER
PUBLICATIONS FOR
INFORMATION DISCLOSURE STATEMENT
(USE SEVERAL SHEETS IF NECESSARY)U.S. Department of Commerce
Patent and Trademark OfficeATTORNEY DOCKET NO.
P27,076 USAAPPLICATION NO.
10/657,302APPLICANT
H. BauFILING DATE
September 8, 2003GROUP ART UNIT
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,146,103	11/14/2000	Lee et al.	417	50	10/09/1998

OTHER PUBLICATIONS

	CA ✓	Bau et al., "A Minute Magneto Hydro Dynamic (MHD) Mixer," Sensors and Actuators B, 79(2-3):205-213 (2001)
	CB ✓	Bau, "A Case for Magneto Hydro Dynamics (MHD)," Proceeding of 2001 ASME International Mechanical Engineering Congress and Exposition, New York, NY (November 11-16, 2001)
	CC ✓	Bau et al., "A magneto-hydrodynamically controlled fluidic network," Sensors and Actuators B, 88:205-216 (2003)
	CD ✓	Eijkel et al., "A circular ac magnetohydrodynamic micropump for chromatographic applications," Sensors and Actuators B, 92:215-221 (2003)
	CE ✓	Jang and Lee, "Theoretical and Experimental Study of MHD (Magneto-hydrodynamic) Micropump," Sensors and Actuators A, 80:84-89 (2000)
	CF ✓	Lemoff and Lee, "An AC Magnetohydrodynamic Micropump," Sensors and Actuators B, 63:178-185 (2000)
	CG ✓	Citations from Nerac search of November 9, 2000
	CH ✓	Qian et al., "A stirrer for magnetohydrodynamically controlled minute fluidic networks," Physics of Fluids, 14(10):3584-3592 (2002)
	CI ✓	West et al., "Application of magnetohydrodynamic actuation to continuous flow chemistry," Lab Chip, 2:224-230 (2002)
	CJ ✓	Xiang and Bau, "Complex magnetohydrodynamically low-Reynolds-number flows," Physical Rev. E, 68:016312-1 - 016132-11 (2003)
	CK ✓	Yi et al., "A magnetohydrodynamically chaotic stirrer," J. Fluid Mech., 468:153-177 (2002)
	CL ✓	Zhong et al., "A Magneto Hydrodynamic (MHD) Pump Fabricated with Low Temperatures Co-fired Ceramic Tapes," Sensors and Actuators A: Physical, 96(1):59-66 (2002)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

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